

January 23, 2024

Company Name	Kudan Inc.	
Representative	CEO	Daiu Ko
	(Securities code: 4425 TSE Growth)	
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Japanese drone solution provider announces commercial launch of a drone product powered by Kudan Lidar SLAM

Kudan Inc. (headquarters in Shibuya-ku, Tokyo; CEO Daiu Ko), a global leader in advanced SLAM (Simultaneous Localization and Mapping) technology, is pleased to announce that a drone solution provider from Japan, operating for the global market, has decided to commercially release its product powered by Kudan Lidar SLAM (KdLidar).

1. Details of the product

Aerial 3D surveying using drones is in growing demand in the civil engineering, construction, and infrastructure industries as an efficient and low-cost approach. However, conventional 3D surveying with drones, which are not adopted by SLAM technology but only used by Lidar, cannot perform continuous mapping from the air to the ground in environments where drones cannot fly or GNSS/GPS cannot reach, and this has been an operational challenge.

This product uses Kudan's SLAM technology and can be generalized as a mapping device that is usable not only mounted on a drone but also hand-held, enabling continuous mapping from the ground by transferring the sensor to a hand-held device, in addition to conventional mapping from the air. As a result, this enables efficient 3D surveying with the same system in forests, civil engineering sites, urban areas, and other environments where a drone alone could not create a comprehensive digital map to the ground.

These cutting-edge projects need software technology that could be flexibly integrated with the hardware configurations required by the customer, and Kudan's technology, which provides commercial-grade SLAM algorithms for mobile mapping, has been selected. Demand for advanced SLAM technology for mobile mapping, including drones, is growing, and Kudan will continue to contribute to the spread and advancement of mobile mapping products in Japan and globally.

2. Overview of the company

Although we have development license sales transactions with the customer, there are no capital, personal or related party relationships between us. Other company profiles are not disclosed as the company has requested that they not be disclosed at this time, but details of the customer and the product will be disclosed in the future.

3. Schedule

(1) Date of the announcement of the product release	January 23, 2024
(2) Date of the product release (expected)	Spring, 2024

4. Special expenditure for the products release

There was no special additional expenditure for the release of the new products and they were mainly research and development expenditure such as personnel costs, etc

5. Future Outlook

We estimate this product release will only have a minor impact on the company's financial performance at this time. As the company's financial performance will be affected by the future product sales, we will promptly make an announcement if any event arises that is expected to have a significant impact on the company's financial performance such as increased customer orders.

About Kudan Inc.

Kudan is a deep tech research and development company specializing in algorithms for artificial perception (AP). As a technology that complements artificial intelligence (AI), AP advances machines toward autonomous functioning. Currently, Kudan is using its high-level technical innovation to drive business development based on its own milestone models specializing in deep tech which will impact a wide range of industries.

For more information, please refer to Kudan's website (<https://www.kudan.io/>).

■ Company overview

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■ Contact Information

For more details, please contact us from [here](#).